

## TEMAKEEP

### DESCRIPTION

A two component, adhesion primer based on epoxy resin.

### PRODUCT FEATURES AND RECOMMENDED USES

- ☒ Used on cold-rolled steel, aluminium, zinc, epoxy and polyurethane surfaces, as an adhesion primer in the paint system.
- ☒ For surfaces exposed to atmosphere, gases or splashes.
- ☒ Can be overcoated with an extensive range of top coats.
- ☒ Can be applied onto a finished epoxy coating as a barrier coat for other types of systems.

### TECHNICAL DATA

**Volume solids** 30 ± 2 %.

**Density** 1.3 kg / litre (mixed).

**Product codes and mixing ratio**

Base	2 parts by volume	008 7890
Hardener	1 part by volume	008 7991

**Pot life** 24 hours (23 °C/ 74 °F).

### Film thicknesses and theoretical coverage

	Film thickness		Theoretical coverage
	wet	dry	
application range	30 - 60 µm	10 - 20 µm	30.0 - 15.0 m <sup>2</sup> /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

### Drying time

DFT 15 µm	+ 10 °C	+ 23 °C	+ 35 °C
Touch dry	10 min	3 - 5 min	3 min
Recoatable	6 h	4 h	3 h

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

**Thinner** Thinner 1031.

**Cleaning of equipment** Thinner 1031.

**Finish** Matt.

**Colour** Grey.

# TEMAKEEP

## APPLICATION DETAILS

### Surface preparation

Remove firm contaminations in order to make the cleaning easier. Remove salts, grease and oil with a suitable detergent. Rinse the surfaces thoroughly with water. (ISO 12944-4).

Steel surfaces: Blast clean at least to grade Sa2 (ISO 8501-1). For minor damages wire brushing to grade St2 is enough.

Zinc surfaces: Sweep blast-clean with mineral abrasives, e.g. quartz sand, to grade SaS. (SFS 5873). If blast cleaning isn't possible, the surfaces should be roughened by grinding or washed with PANSSARIPESU detergent. In these cases the adhesion of the paint to the substrate should be confirmed.

Aluminium surfaces: Sweep blast-clean with none-metallic abrasives to grade SaS. (SFS 5873). If blast cleaning isn't possible, the surfaces should be roughened by grinding or washed with MAALIPESU detergent. In these cases the adhesion of the paint to the substrate should be confirmed.

Primed surfaces: Remove water soluble salts, oil and grease and other contaminants which may harm coating. Let the surfaces dry and remove dust. Touch up damages in the primer coat. (ISO 12944-4).

### Finish

Any type of paint can be used with the exception of zinc rich paints.

### Application conditions

All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +10 °C / 50 °F during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C / 5 °F above the dew point.

### Application

By spray or brush. Mixing ratio 2:1 (base:hardener). The correct proportions of base and hardener must be mixed thoroughly. At spray application the paint should be thinned 0-20 %, in order to avoid dry spraying. Airless spray tip size 0.011"-0.015", spray angle chosen according to the shape of the object.

### VOC

The Volatile Organic Compounds amount to 580 ± 20 g/litre of paint.

## HEALTH AND SAFETY

At all times observe precautionary notices on containers. Further information about hazardous influences and protection against those are described in Safety Data Sheet.

A health and safety data sheet is available on request from Tikkurila Coatings OY.

As a general rule, avoid inhalation and skin contact and provide sufficient ventilation. Splashes on skin have to be washed off immediately. Splashes in eyes, rinse with plenty of water and consult a medical centre if the irritation continues.

**For professional use only.**

tctuates\metalli\neweng\temakeep

aki22.8.2001\008 7890,7991